

Figure 10 illustrates the door module of Figure 9 after trim;

Figure 11a illustrates a cross-sectional view of the door module in accordance with another embodiment of the invention before trim;

Figure 11b illustrates a top view of the door module in Figure 11a;

Figure 12a illustrates a cross-sectional view of the door module of Figure 11a after trim; and

Figure 12^b illustrates a top view of the door module of Figure 11b after trim.

Detailed Description of the Drawings

Figure 1 shows schematically a vehicle door 1 as seen from the outside of a vehicle. For the sake of illustration, the door outside panel of the vehicle door 1 is not shown so that a door inside panel 2 can be seen. The door inside panel 2 is provided with a large surface cut-out recess 3. The recess 3 is covered from the inside by a door module 4 in a sealed manner so that the door body is divided into a wet cell lying between the door outside panel and the door module 4, and a dry cell lying between the door module 4 and an adjoining door inside trim (not shown). The dry cell provides a space for containing electrical and/or electronic components such as an electric motor for driving a window lifter, a control unit for the electric motor, a wiring harness, etc. These components are attached to the door module 4 by clips and other attachment elements, as will be illustrated hereinbelow. Likewise, the door inside trim is attached to the door module by means of clips or otherwise. Since the equipment of a vehicle depends on its specification, the number of components in the dry cell can vary considerably, and as a consequence, so does the requirement for suitable attachment means therefor.

The door module 3 is attached to the door inside panel 2 through attachment means 5. As illustrated in Figure 1 by a first grey zone 6, a contact seal zone is formed around the recess 3 where the door inside panel 2 and the door module 4 are in contact, as is also illustrated in Figure 2. In addition, a lip seal zone 7 is formed by a lip 8 (Figure 2) surrounding the recess 3